

MONUMENT RECORD

Corner ID: **BeanBI_e21**

Section Corner

Sections 29, 30, 31 & 32- T10N-R02W, 2nd P.M.

Wayne Township Owen County Indiana.

Though this corner is in Owen County, it is shown, in places as
Bean Blossom Township, Monroe County, Indiana

Section 30 T11N-R02W	Section 29 T11N-R02W
Section 31 T11N-R02W	Section 32 T11N-R02W

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

(#361) Mag nail in unreadable washer found 0.1' below asphalt, 3' Southwest of the center of State Highway 67, approximately in the extended center of north and south asphalt county roads.

MONUMENT LOCATION SKETCH:



PHOTO IDENTIFIED: Photo Date: 3/06/2024



Photo Orientation & Description: From West looking East



Photo Orientation & Description: From East looking West

EXISTING SURVEY HISTORY Include as much detail and history of the corner as known at the time of perpetuation

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1819 By: Thos Brown Deputy Surveyor
Where filed or recorded: Original notes (Owen County) Page 11
Original monument: Post
Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	14"	N61°E	24 Links
Sugar	12"	N47°W	22 Links

Notes:

SUBSEQUENT CORNER RESTORATION:

Though I found no restoration or references to this corner between 1819 and 1987, I did find in Owen County Survey Book 1, page 28, where on March 13, 1850, Owen County Surveyor JW Getty set a stone 999 links east of it and on March 18, 1867, in Owen County Survey Book 2, page 168, a Owen County Surveyor with unreadable signature set stones East and South of it.



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SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 12/07/1987 By: Perry Poff and William Harlos

Where filed or recorded: Owen County Mapper Office

Original monument: p.k. nail

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Maple	24"	Not given	40.1'
Maple	12"	Not given	94.8'
Highway Marker		Not given	80.0'

Notes: I believe the mag nail located this survey is where said
pk nail had been within an uncertainty of 0.1'

WITNESS MONUMENT TIES: Describe at least three new BT's (Bearing Trees) and/or witness objects established, or work done to preserve existing evidence. BT diameters are noted as dbh (diameter at breast height) and are measured approximately 4.5' above ground. Bearings and Distances are measured from the monument to the center of the BT. Bearings and Distances to witness ties were measured with a Sokkia Set 510 Total Station.

ID	Bearing	Distance	Description
(#362)	S87°54'W	129.9'	26" diameter sugar maple tree
(#364)	S71°26'E	69.5'	center of Dollar General Store sign post
(#363)	S50d35'W	124.5'	Center of degree circle on 10 o'clock line concrete monument

MONUMENT ACCESSORIES

Other survey grade monuments that were located in the vicinity and their relation to the monument. Witnesses noted as a Rebar Lite are a 5/8" diameter by 16" polycarbonate rod with a 1-1/2" mag nail in top and yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set 0.1 foot below grade unless otherwise noted.

Geodetic coordinates in this table are provided in the format Northing, Easting.

(#213)	S89° 56' 35"E	60.23'	N:1496074.3378' E:3070462.2476' 3/4" diameter rebar found 0.4' B.G.
(#10357)	S59° 25' 19"W	39.44'	N: 1496054.334' E: 3070368.0654' Rebar Lite
(#10359)	S14° 12' 03"W	157.73'	N:1495921.4911' E:3070363.3272' Rebar Lite in grass island between roads
(#10353)	S89° 19' 28"W	236.22'	N:1496071.6125' E:3070165.8148' 5/8" rebar found 0.3' B.G., 6' North of old east-west fence line
(#10355)	S89° 20' 24"W	660.42'	N:1496066.7912' E:3069741.6495' 5/8" rebar found 0.4' B.G. 1' North of old east-west fence line



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OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	RSID	Surveyor	Description	Recorder's Office	File Location
6/7/1990	RSID005388	Harlos, William D.	Erskine Hoadley Estate		
3/6/2007	RSID005390	Resenbeck, Brian	Plat of Survey (Dollar General Store)		
7/26/2015	RSID005385	Meier, David R.	Gosport Boat Ramp		209272.IN
3/30/2022	RSID005382	Graham, Charles D	Retracement Survey 27 South Seventh Street, Gosport, IN 47433	Recorder's Office	228778.IN
	RSID005391	Sid Bennett			80759.IN
12/7/1987	RSID005387	William Harlos	BeBI_E21 Owen County Tie Sheet PK Nail		
10/21/1999	RSID005389	Helton, David C.	LinChris Property		
1/8/2018	RSID005386	Meier, David R.	Gosport Liquor Store Retracement Survey		219463

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND: Include, search area or areas, search procedure, etc.

Date of Field work/Search: 01/11/2024 & 03/06/2024 By: Michael E Sheppard, Jason George Monument Found: Mag nail BTs or Reference Objects Found: New references established (see Theory of Location) Project #: 24-001 Field Book: 55, pg.62 and Field Book 56, pages 15&16.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

Mag nail appears to be in general harmony with the extended center of north and south asphalt county roads and east and west tree lines. Mag nail is approximately 3' Southwest of the center of State Highway 67, near the Dollar General store in Gosport Indiana.

MONUMENT PRESERVATION: Describe work done to preserve existing monument.

Mag nail was uncovered and painted. 2 rebar lite monuments were set and 4 existing (found) rebars were located, that can be used to reestablish the Mag nail's location, should it be destroyed or paved over in road construction.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.

The mag nail was set in a survey by Brian Resenbeck PLS, for A to B surveying, dated 03/06/2007. Said survey was found in the Owen County mappers office and is Monroe County Surveyors document #RSID005390. In his report, Mr. Resenbeck cites a survey by Kevin Potter noting a PK nail at the Section corner and setting his Mag nail "from record dimensions per the Potter survey". Though the exact history behind the location of the PK nail that Mr. Resenbeck's Mag nail purports to replace is not known, we did find an Owen County corner record sheet for a PK nail marking this corner by William Harlos, Owen County Surveyor, dated 12/07/1987. The sheet cites the origin of the PK nail as set. 3 references on the sheet were not found this survey. Also found in our search in the mapper's office records was a survey by Sid Bennett PLS, recorded in instrument #80759, that showed a rebar on the North line of Section 31, 236.26' from a PK nail at the Section corner and another rebar 424' West of the first one, also on the Section line. A survey by C. David Helton dated October 21, 1999, was also found showing the same 2 rebars shown on the Bennett survey as being on the Section line and the Pk nail being at the extension of the rebars and 236.26' from the Eastern most rebar. We located both rebars and found the found Mag nail to be within 0.1' of the extension of the rebars and 236.26' from the Eastern most one, thus it appears the Mag nail is at or at least very close to the location of the former PK nail. Without a clear chain of history on this monument, there is undoubtedly some uncertainty that this is the original location of the Section corner. I pulled and reviewed highway plans for State Road 67 and they noted an "approximate Section corner" and "no stone found", thus were of little help. Due to the above factors, the Mag nail is in my opinion the most reliable evidence of the original location of the Section corner with an estimated uncertainty of 3'.



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GEODETIC COORDINATES: *Northing: 1496074.4', Easting: 3070402.0'*

BASIS OF GEODETIC COORDINATES:

The basis of bearings is Grid North NAD83(2011), Indiana West Zone, Epoch 2010.0000, Geoid Model G2012BU7, Datum NAD83_NO_TRANS, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover and/or with a Sokkia Set 510 Total Station radially from points located with GPS. Distances obtained with GPS have not been adjusted to ground. To adjust grid distances to ground distances multiply them by a scale factor of 1.000041208.

This document is not complete without the associated Corner Perpetuation plat and report of survey for Section 32 Township 11 North Range 2 West by Michael E. Sheppard of the Monroe County Surveyor's Office dated 7/16/2024.

CERTIFICATIONS:



Michael E. Sheppard

Date: 7/16/2024
Michael E. Sheppard
State of Indiana
Professional Surveyor
No. 20100021



Trohn Enright-Randolph

Date: 7/16/2024
Trohn Enright-Randolph
Monroe County Surveyor



Accepted by the Monroe
County Surveyor Review
Board on 7/16/2024

Donna Babich



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